



BIOLOGY

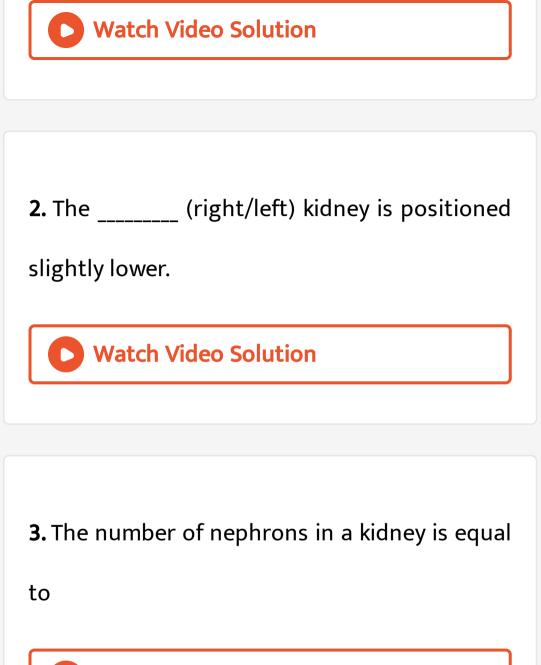
BOOKS - ICSE

HUMAN BODY: THE EXCRETORY SYSTEM

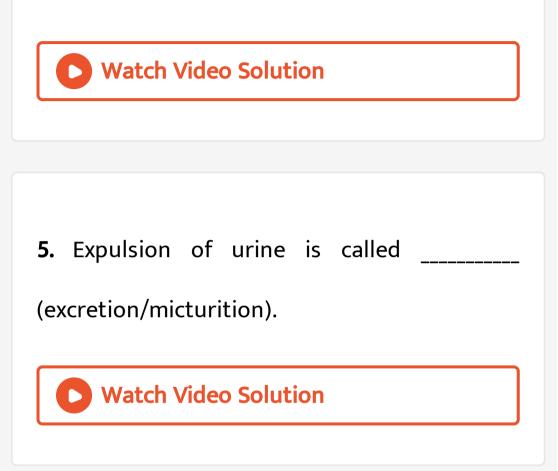
Questions Fill In The Blanks

1. How is water and salt balance maintained in

the body?

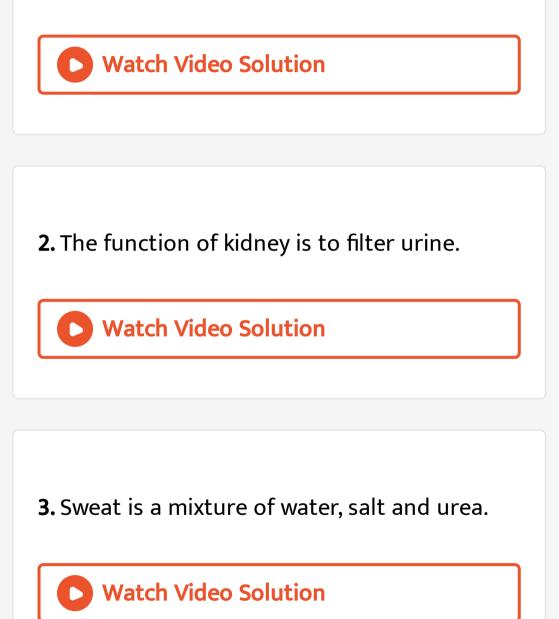


4. Urinary bladder is lined with:



Questions True Or False





4. Renal vein brings blood carrying wastes into

the kidney.

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 Kidney failure patients have to undergo dialysis.

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Exercises Section I Name The Following

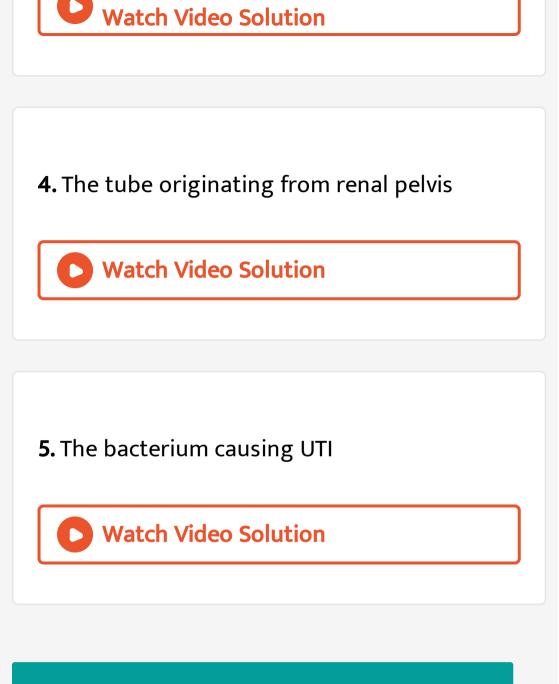
1. The structural and functional units of kidney.

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|---|
| |
| |
| 2. Straw coloured liquid that is removed by |
| kidneys |
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| |

3. An organ that stores urine temporarily

before it is released





Exercises Section I Choose The Correct Option

1. Which of the following is the outer dark

region of kidney?

A. Cortex

B. Nephron

C. Medulla

D. Pelvis

Answer:

2. The excretory organs are

A. kidneys and stomach

B. kidneys and lung

C. skin and nose

D. stomach and intestine

Answer:

3. The blood vessel carrying metabolic wastes

into the kidney is

A. renal vein

B. renal artery

C. aorta

D. vena cava

Answer:

4. The excess amino acid is changed into urea

by

A. Gall bladder

B. lungs

C. Liver

D. pancreas

Answer:

5. Before being removed from the kidneys, the

urine is collected in

A. renal medulla

B. renal pelvis

C. renal cortex

D. renal tubule

Answer:

1. Apart from excretion, the other function of

kidney is secretion.

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2. The function of kidney is to filter urine.

3. The urinary bladder stores urine temporarily.
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4. The opening of urethra is controlled by a

valve.



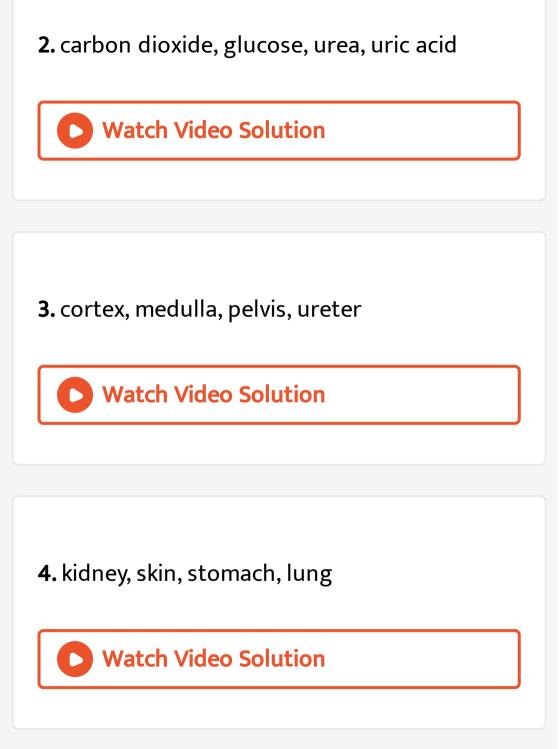
5. High concentration of calcium oxalate can

cause kidney stones.

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Exercises Section I Choose The Odd One Out And Give Reasons For Your Choice

1. ureter, urethra, bladder, cortex



Exercises Section I State The Exact Location Of The Following Organs

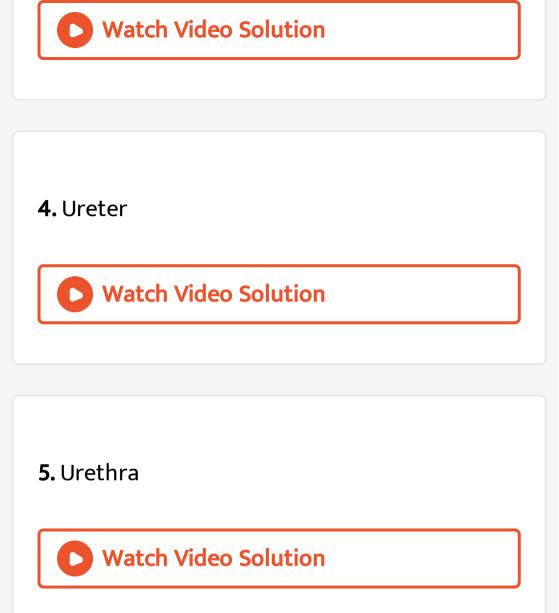
1. Kidneys

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2. Nephrons

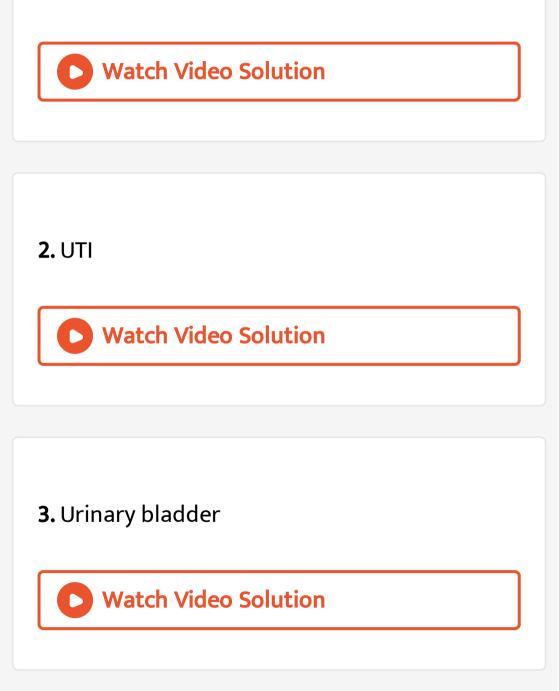
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3. Renal medulla

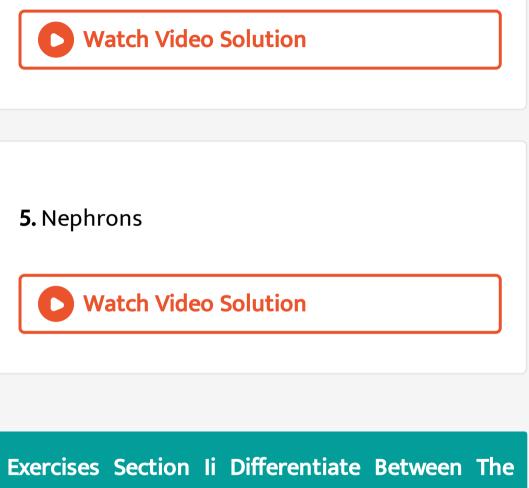


Exercises Section Ii Define The Following Terms

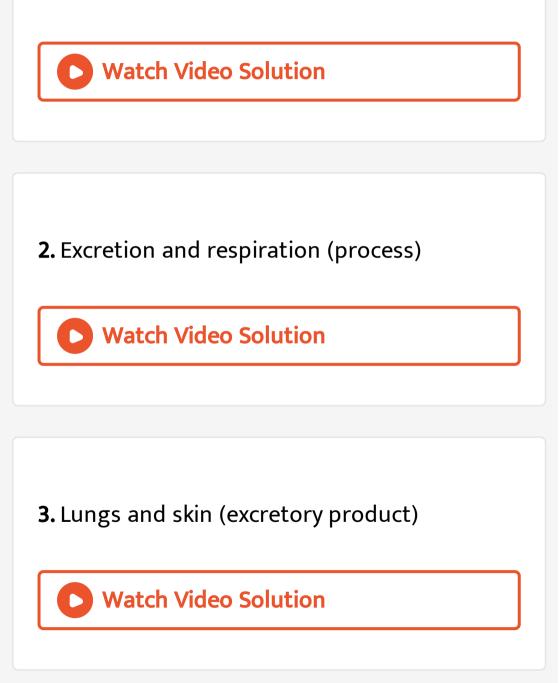
1. Excretion



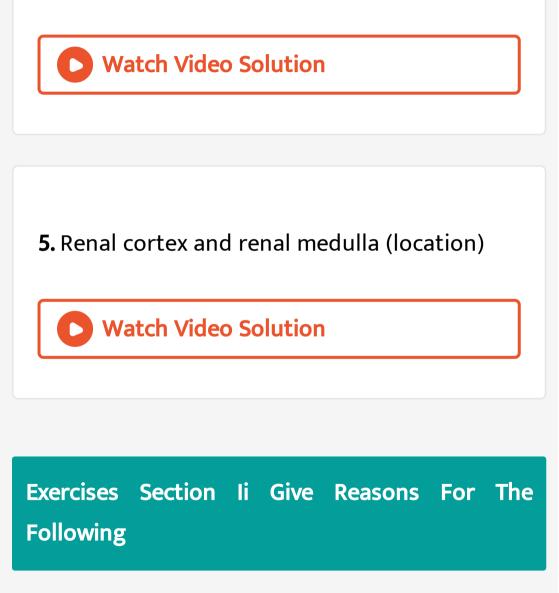
4. Micturition



Following Pair Of Words Based On What Is Given In The Bracket **1.** Ureter and urethra (function)

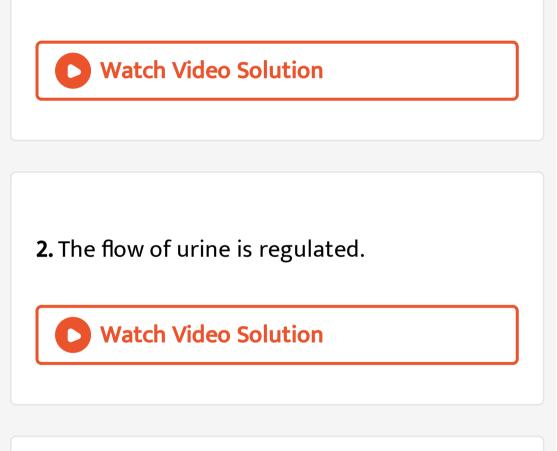


4. Excretion and osmoregulation (definition)

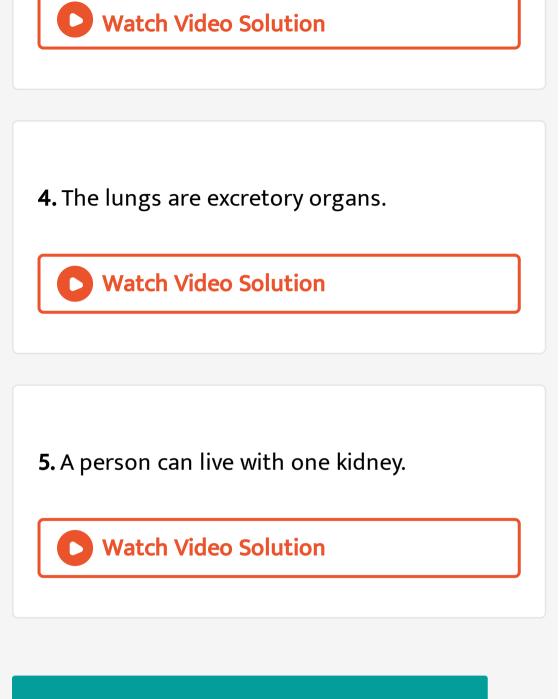


1. Metabolic wastes need to be removed from

the body.



3. It is advisable to drink sufficient water to avoid the formation of kidney stones.



Exercises Section Ii Short Answer Questions

1. Name the different excretory organs of the

human body.



2. List four different excretory wastes

produced in human beings.

3. Which blood vessel carries metabolic wastes

into the kidney?

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4. Name two useful substances that are reabsorbed back into the blood from the forming urine.

5. What is the amount of work done in bringing a mass from the surface of Earth on one side to a point diametrically opposite on the other side?

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Exercises Section Ii Long Answer Questions

1. Draw a labelled diagram of the human excretory system.





2. Name the excretory organs other than kidneys and mention the excretory wastes excreted by them.

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3. Describe the internal structure of kidney.

4. Name the bacteria that causes urinary tract infection. What are the symptoms and preventive measures taken for UTI?

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5. What should a person do if he is suffering from kidney stones? Can the stones be removed on their own?

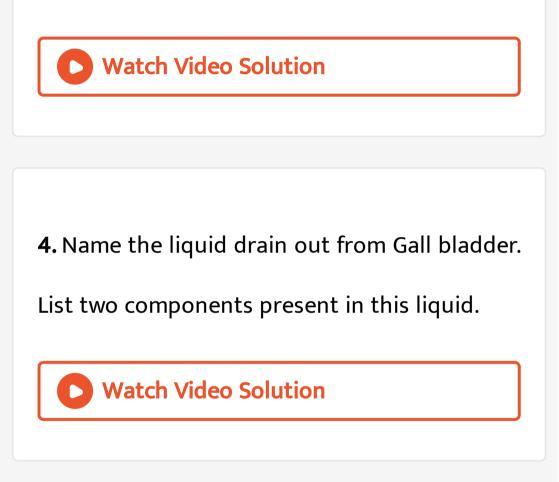
1. Is lactic acid produces in our body?

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2. What are the organs constitute digestive

system?

3. Describe main functions of kidneys.



5. Name some viral disease.

6. What is monohybrid cross?

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7. What are the structural and functional units

of life?



8. Give the number and name of the part of

kidney where urine is collected.



9. Name any two constituents of the blood that are reabsorbed by nephrons in the kidneys.